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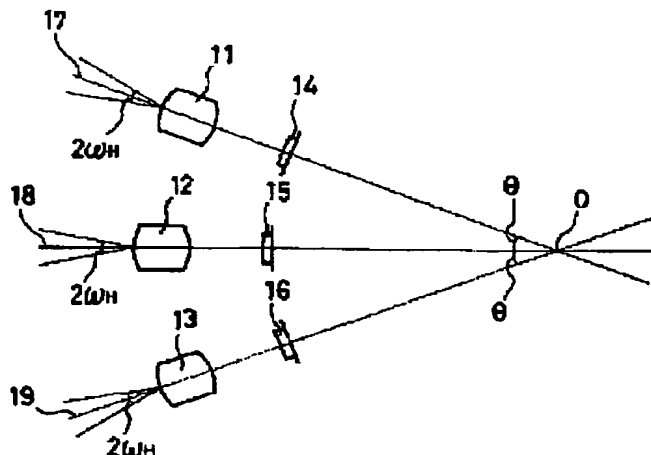
APPLICATION DATE : 24-08-93
APPLICATION NUMBER : 05209584

APPLICANT : OLYMPUS OPTICAL CO LTD;

INVENTOR : TSUCHIDA HIROBUMI;

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TITLE : COMPOUND EYE TYPE OPTICAL SYSTEM



ABSTRACT : PURPOSE: To provide a compound eye type optical system which makes possible high-resolution image pickup over a wide range with an extremely simple configuration while using plural photographic lens systems.

CONSTITUTION: Respective imaging devices 14-16 are arranged corresponding to the image forming positions of respective photographic lenses 11-13 while using the plural respective photographic lenses 11-13 and the plural respective imaging devices 14-16 corresponding to the respective photographic lenses 11-13. At the same time, these plural respective photographic lens systems are arranged so that the extended parts of respective optical axes 17-19 can be crossed at an almost coincident intersection O at least, and an angle θ between some of the optical axes of respective photographic lens systems adjacent each other is set smaller than a sub $\omega_H + \omega_H$ of a half image angle to be covered by each photographic lens system.

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